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a coder-decoder (CODEC) for receiving the audio data output according to the control of the controller, converting the audio data into analog audio signals, and outputting the converted audio data; and

a display driver for driving a displayer displaying the caption data output according to the control of the controller.

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The terminal of claim 6, wherein the controller outputs the caption data synchronized with the audio data to the displayer.

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The terminal of claim 6, wherein the terminal further comprises a mark number? for separating an area between the captions of the caption data, and a second memory for storing a first address and a last address of the caption data stored in the first memory.

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The terminal of claim 8, wherein the controller comprises:

a Digital Signal Processor (DSP) for separating the learning caption data received into caption data and audio data at the time of receiving the data, and storing the separated data in the first memory, and in a play mode, reading the caption data and the audio data stored in the first memory based on the address stored in the second memory; and

a microprocessor for outputting the audio data corresponding to the mark number, caption data, and caption to the DSP when receiving the data from the outside, and controlling to

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output the mark number and play command to the DSP when inputting a play switch so as to read the caption data and the audio data stored in the first memory.

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The terminal of claim 9, wherein the audio data read by the DSP are converted into analog audio signals through the CODEC, and the caption data read by the DSP are transmitted to the display driver through the microprocessor.

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The terminal of claim 10, wherein the terminal further comprises an amplifier for amplifying the audio signals output through the CODEC and outputting the amplified audio signals to a speaker or an earphone.

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The terminal of claim 9, wherein the microprocessor reads the current mark number when a forward or a reverse switch is input, and outputs the next or previous mark number to the DSP in order for the DSP to play the next and previous caption data and the audio data.

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The terminal of claim 9, wherein the microprocessor makes a caption enable (CE) signal to control the DSP into a first logic state and outputs the mark number and the caption data to the DSP when the data received from the outside is the caption data, and the microprocessor

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makes the CE signal into a second logic state which is an inverse state of the first logic state and outputs the audio data to the DSP when the data received from the outside is the audio data.

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The terminal of claim 8, wherein the first memory is a flash memory and the second memory is a Random Access Memory (RAM).

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The terminal of claim 8, wherein the first memory is an external memory module which is removable from the language learning terminal.

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In a system for providing data to a terminal which plays back digital data, a data providing system, comprising:

a database server for storing a plurality of digital data in a database; and

a user's personal computer (PC), connected with the database server on the network, for receiving digital data from the database server, storing the received data in an internal auxiliary memory device, and transmitting the digital data stored in the auxiliary memory device to the terminal through a communication interface bus.

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The system of claim 16, wherein the system further comprises a base station including a charging circuit for charging the terminal and a data buffer for temporarily storing the data transmitted from the auxiliary memory device of the PC.

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The system of claim 17, wherein the base station transmits the data stored in the data buffer when the terminal is charged.

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The system of claim 17, wherein the data stored in the terminal can be transferred to the auxiliary memory device of the user's PC through the data buffer of the base station or the communication interface bus of the user's PC.

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The system of claim 16, wherein the digital data comprise learning caption data including the audio and caption data.

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The system of claim 20, wherein the terminal comprises:

a communication interface for receiving learning caption data including audio and caption data from outside;

a first memory for storing the learning caption data through the communication interface from the outside;

a controller for separating the learning caption data stored in the first memory or the language learning caption data received through the communication interface into the caption data and the audio data;

a coder-decoder (CODEC) for receiving the audio data output according to the

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control of the controller, converting the audio data into analog audio signal, and outputting the converted audio data; and

a display driver for driving a displayer displaying the caption data output according to the control of the controller.

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The system of claim 21, wherein the controller outputs the caption data synchronized with the audio data to the displayer.

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The terminal of claim 21, wherein the terminal further comprises a mark number for separating an area between the captions of the caption data, and a second memory for storing a first address and a last address of the caption data stored in the first memory.

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The terminal of claim 23, wherein the controller comprises:

a Digital Signal Processor (DSP) for separating the learning caption data received at the time of receiving the data into the caption data and the audio data, and storing the separated data in the first memory, and in a play mode, reading the caption data and the audio data stored in the first memory based on the address stored in the second memory; and

a microprocessor for outputting the audio data corresponding to the mark number, caption data, and caption to the DSP when receiving the data from the outside, and controlling to

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output the mark number and play command to the DSP when inputting a play switch so as to read the caption data and the audio data stored in the first memory.

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In a system for providing data to a terminal which plays back digital data, a data providing system, comprising:

a database server for storing a plurality of digital data in a database; and

a data charging vending machine, connected with the database server on the network, for receiving digital data from the database server and charging the data needed by the terminal.

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The system of claim 25, wherein the system further comprises a vending machine managing personal computer (PC) for remotely managing the data charging vending machine, and providing the data newly generated by the database server to the data charging vending machine.

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The system of claim 25, wherein the digital data comprise learning caption data including the audio and caption data.

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The system of claim 27, wherein the terminal comprises:

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a communication interface for receiving learning caption data including audio and caption data from outside;

a first memory for storing the learning caption data through the communication interface from the outside;

a controller for separating the learning caption data stored in the first memory or the language learning caption data received through the communication interface into the caption data and the audio data;

a coder-decoder (CODEC) for receiving the audio data output according to the control of the controller, converting the audio data into analog audio signal, and outputting the converted audio data; and

a display driver for driving a displayer displaying the caption data output according to the control of the controller.

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The system of claim 28, wherein the controller outputs the caption data synchronized with the audio data to the displayer.

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The terminal of claim 28, wherein the terminal further comprises a mark number for separating an area between the captions of the caption data, and a second memory for storing a first address and a last address of the caption data stored in the first memory.

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The terminal of claim 30, wherein the controller comprises:

a Digital Signal Processor (DSP) for separating the learning caption data received at the time of receiving the data into the caption data and the audio data, and storing the separated data in the first memory, and in a play mode, reading the caption data and the audio data stored in the first memory based on the address stored in the second memory; and

a microprocessor for outputting the audio data corresponding to the mark number, caption data, and caption to the DSP when receiving the data from the outside, and controlling to output the mark number and play command to the DSP when inputting a play switch so as to read the caption data and the audio data stored in the first memory.

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A caption language learning terminal, comprising:

a communication interface for receiving data including caption language learning data through a wire or wireless terminal or a computer;

an internal caption language learning data memory for storing the caption language learning data received from outside through the communication interface;

a Digital Signal Processing/Central Processing Unit (DSP/CPU) for separating the caption language learning data stored in the internal caption language learning data memory or the caption language learning data received by the communication interface into the caption data and audio data;

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a coder-decoder (CODEC) for receiving the audio data output according to controls of the DSP/CPU and converting the audio data into analog audio signals; and
a display driver for driving a displayer displaying the caption data output according to the controls of the DSP/CPU.

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The terminal of claim 32, wherein the DSP/CPU outputs the caption data synchronized with the audio data to the displayer.

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The terminal of claim 31, wherein the terminal further comprises a switch for providing information on selections of functions and modes to the DSP/CPU.

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The terminal of claim 33, wherein the caption language learning terminal reads the caption language learning data by removably connecting an external caption language learning data memory module which previously stores the caption language learning data.

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In a caption language learning system which provides caption learning data to a caption language learning terminal, a caption language learning system, comprising:

a caption language learning network server for storing data which includes caption language learning data for learning categories in a database, and when a user generates a request, providing the caption language learning data on the network;

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a communication exchange, connected to the caption language learning network server on the network, for receiving the caption language learning data; and

one or more exchangers, connected to the communication exchange on the network, for providing the caption language learning data transmitted to the communication exchange to the caption language learning terminal according to the communication environments.

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The system of claim 36, wherein the exchanger comprises a wireless sender which is connected to the communication exchange on the network, and converts the caption language learning data transmitted to the communication exchange into wireless data so as to send the wireless data to outside.

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The system of claim 37, wherein the wireless sender is one or more of a satellite exchange connected to a satellite communication network, a wireless exchange connected to a mobile communication network, or wireless or wire cable television broadcasting station.

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The system of claim 37, the system further comprises a wireless communication terminal for receiving the wireless data signals output from the wireless sender.

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The system of claim 36, the exchanger comprises a wire exchange, connected to

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the communication exchange on the network, for transmitting the caption language learning data transmitted to the communication exchange to the outside via a wire network.

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The system of claim 40, wherein the wire exchange is connected to the user's computer via the network.

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The system of claim 40, wherein the wire exchange is directly connected to the caption language learning terminal via the network.

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The system of claim 39, wherein the caption language learning terminal comprises a communication interface for receiving the caption language learning data transmitted from the wireless communication terminal.

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The system of claim 41, wherein the caption language learning terminal comprises a communication interface for receiving the caption language learning data transmitted from the user's computer.

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The system of claim 42, wherein the caption language learning terminal comprises a modem for accessing the wire exchange and receiving the caption language learning data.

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The system of claim 36, wherein the caption language learning terminal reads the caption language learning data by removably connecting an external caption language learning data memory module which previously stores the caption language learning data.

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The system of claim 37, wherein the language learning terminal directly receives wireless data signals transmitted by the wireless sender.

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The system of claim 47, wherein the language learning terminal comprises:

- a radio frequency/intermediate frequency (RF/IF) unit for receiving and amplifying data including caption language learning data via a wireless communication network;
- a modem for demodulating the wireless data signals output from the RF/IF unit;
- a protocol controller for receiving the data demodulated and output by the modem and generating data fitting to a communication protocol;
- a coder-decoder (CODEC) for converting the digital audio data generated by the protocol controller into analog audio signals and outputting the analog audio signals;
- a data transmitting controller for controlling the transmission of the caption data generated by the protocol controller to a displayer or a caption language learning data memory;
- a Digital Signal Processor/Central Processing Unit (DSP/CPU) for storing the caption language learning data in the caption language learning data memory, and when selecting

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a play mode, reading the caption language learning data from the caption language learning data memory, and converting and outputting the read data via the display and a speaker; and
a Read Only Memory (ROM) and a Random Access Memory (RAM) for storing operating programs, data and addresses of the DSP/CPU.

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A wireless data communication terminal having a caption language learning function, comprising:

a radio frequency/intermediate frequency (RF/IF) unit for receiving and amplifying data including caption language learning data via a wireless communication network;
a modem for demodulating the wireless data signals output from the RF/IF unit;
a protocol controller for receiving the data demodulated and output by the modem and generating data fitting to a communication protocol;
a coder-decoder (CODEC) for converting the digital audio data generated by the protocol controller into analog audio signals and outputting the analog audio signals;
a data transmitting controller for controlling the transmission of the caption data generated by the protocol controller to a display;
a Digital Signal Processor/Central Processing Unit (DSP/CPU) for storing the caption language learning data in the caption language learning data memory, and when selecting a play mode, reading the caption language learning data from the caption language learning data memory, and converting and outputting the read data via the display and a speaker; and